

5. RF EXPOSURE EVALUATION

5.1 Applicable Standard

According to §1.1307(b)(3)(ii)(A)

the 1-mW exemption intended for single transmitters may be also applied to simultaneous transmission conditions, within the same host device, according one of the following criteria:

- a) When maximum available power each individual transmitting antenna within the same time averaging period is ≤ 1 mW, and the nearest parts of the antenna structures of the simultaneously operating transmitters are separated by at least 2 cm.
- b) When the aggregate maximum available power of all transmitting antennas is ≤ 1 mW in the same time averaging period.

This exemption may not be combined with any other exemption.

5.2 Measurement Result

Radio	Frequency (MHz)	Conducted output power including Tune- up Tolerance	Antenna Gain (dBi)	The Greater of Conducted Power or ERP	
		(dBm)		dBm	mW
UWB	6489.6	/	/	-6	0.25

Note:

1. Maximum EIRP of UWB is -4.64 dBm, so EPR is -6.79dBm, the tune -up ERP is -6dBm.
2. ERP (dBm) = EIRP (dBm)-2.15dB

Result: The device compliant the 1-mW Test Exemption.